

**ABSTRACT**

Systems and components for use in ion transfer in a mass spectrometer. The components include a body having an orifice through which ions can pass, wherein at least a portion of the body comprises titanium metal. Alternatively, the components can 5 include an ion guide into which ions can pass, wherein at least a portion of the ion guide comprises titanium metal. The system has a source of ions for generating ions and a body having an orifice through which ions can pass, wherein at least a portion of the body comprises titanium metal.

10 50203670.doc